

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1 (currently amended): A gas diffusion layer arrangement for a fuel cell used for at least one of gas diffusion layers of a fuel cell where a fuel electrode side catalyst layer and an air electrode side catalyst layer are disposed at both faces of an electrolyte film, and further gas diffusion layers are disposed respectively on the outer surfaces of the fuel electrode side catalyst layer and air electrode side catalyst layer, ~~characterized by that:~~ comprising a first ~~[[the]]~~ gas diffusion layer ~~[[is]]~~ formed of a mesh sheet having ~~[[an]]~~ a heat resistance and an acid resistance, and a mixture of electrically conductive powder and water repellent filler ~~for filling contained entirely within~~ voids of said mesh sheet.

Claim 2 (currently amended): The gas diffusion layer arrangement for a fuel cell ~~[[of]]~~ as recited in claim 1, wherein a second gas diffusion layer is stacked on a face of said first gas diffusion layer in contact with said catalyst layer, the second gas diffusion layer being formed of the mixture of electrically conductive powder and water repellent filler, and presenting a void rate smaller than that of said first gas diffusion layer.

Claim 3 (currently amended): The gas diffusion layer arrangement for a fuel cell [[of]]
as recited in claim 2, wherein the content of water repellent filler contained in the second gas
diffusion layer is ~~higher~~ greater than the content of water repellent filler contained in said
first gas diffusion layer.

Claim 4 (currently amended): The gas diffusion layer arrangement for a fuel cell [[of]]
as recited in any of claims 1 to 3, wherein ~~the fiber~~ fibers forming said mesh sheet [[is]] are
coated beforehand with water repellent material.

Claim 5 (currently amended): The gas diffusion layer arrangement for a fuel cell [[of]]
as recited in any of claims 2 to 4, wherein the thickness of the second gas diffusion layer is
~~smaller~~ less than that of said first gas diffusion layer.

Claim 6 (currently amended): The gas diffusion layer arrangement for a fuel cell [[of]]
as recited in any of claims 2 to 5, wherein the electrically conductive powder used for said
first gas diffusion layer and the second gas diffusion layer is carbon powder, and a specific
surface area of the carbon powder used for said first gas diffusion layer is smaller than the
specific surface area of the carbon powder used for the second gas diffusion layer.

Claim 7 (withdrawn): A manufacturing method of the gas diffusion layer for fuel cell of claim 1 or 2, comprising the steps of; making a gas diffusion layer (precursor) using the mixture of electrically conductive powder, water repellent filler and hole making agent powder, or stacking further the second gas diffusion layer (precursor) and, thereafter, decomposing and scattering the hole making agent by heat treatment to form a gas diffusion layer having there fine holes.